



# भारत का राजपत्र

## The Gazette of India

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सं० 33]

नई दिल्ली, शनिवार, अगस्त 19, 1967 (श्रावण 28, 1889)

No. 33]

NEW DELHI, SATURDAY, AUGUST 19, 1967 (SRAVANA 28, 1889)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 19th August, 1967

#### CORRIGENDUM

(1)

In the Gazette of India, Part III, Section 2, dated the 11th February, 1967—

In page 61, Column 2, under the heading "Renewal Fees Paid", for No. "48056" read No. "84056".

(2)

In the Gazette of India, Part III, Section 2, dated the 22nd April, 1967—

In page 183, Column 2, under the heading "Renewal Fees Paid", for No. "77282" read No. "77252".

(3)

In the Gazette of India, Part III, Section 2, dated the 29th April, 1967—

In page 195, Column 1, under the heading "Renewal Fees Paid", for No. "82033" read No. "82083".

(4)

In the Gazette of India, Part III, Section 2, dated 8th July 1967 under the heading "Applications accepted" in page 308 in column 2—

For 106668

Read 103668.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

29th July 1967

111726. Franz Plasser Bahnbaumaschinen. Track straightening machine.

187GI/67

111727. James Mackie & Sons Limited. Improvements in bobbins. (1st August 1966).

111728. K. Otani. Steelmaking process.

111729. F. Biell. Multi-purpose roof structures. (10th April 1967).

111730. Societa Farmaceutici Italia. Process for preparing 3,1-benzoxazin-2-ones.

111731. Imperial Chemical Industries Limited. New azo dye-stuffs. (1st August 1966).

111732. Carrier Corporation. Centrifugal gas compressor.

111733. Catalysts and Chemicals, Inc. Temperature shift reaction catalysts and methods for their preparation.

111734. Farbenfabriken Bayer Aktiengesellschaft. Alkylmercaptoanilides.

31st July 1967

111735. S. S. Shah. Improvement in or relating to metal sleeves.

111736. K. J. Mathew. A book-stand, rack or desk-topper.

111737. D. Sharma. A spring operated mechanical picker.

111738. Libbey-Owens-Ford Glass Company. Bending glass sheets.

111739. Sumitomo Chemical Company, Ltd. Fungicidal composition.

111740. Kvova Hakko Kogyo Co., Ltd. Process for extracting proteins from microorganisms.

111741. Gosudarstvenny Proektny Institut "Tyazhpromelektroproekt". Frequency-controlled A.C. drive.

111742. Adm Chemicals, A Division of Ashland Oil & Refining Company. Foundry binder composition and process for using such.

111743. Adm Chemicals, A Division of Ashland Oil & Refining Company. Resin compositions.

111744. Joseph Lucas (Industries) Limited. Ignition coils (8th August 1966).

111745. Joseph Lucas (Industries) Limited. Ignition distributors. (19th August 1966).
111746. Rexall Drug and Chemical Company. Paddle-type polymerization reactor. (24th August 1966).
111747. Imperial Chemical Industries Limited. Water-soluble reactive metal complex azo dyestuffs. (15th August 1966).
111748. Farbenfabriken Bayer Aktiengesellschaft. Crosslinked acrylonitrile copolymers and ion exchangers made therefrom.
111749. Caterpillar Tractor Co. Track pin seal.
111750. Universal Oil Products Company. Improved liquefied petroleum gas reforming process.
111751. K. V. Pandit. Laya Pandit.
111752. Amal Chandra Dutta. Air-conditioning attachments for fans.
111753. Ciba Limited. A process for the preparation of new tetrahydroquinolines.
111754. Ciba Limited. A process for the manufacture of new benzocycloheptenes.
111755. Ciba Limited. A process for the manufacture of new benzocycloheptenes.
111756. Ciba Limited. Hypotensive preparations.
111757. Ciba Limited. Hypotensive preparations.
111758. The Dow Chemical Company. Powderless etching bath.
111759. Koehler Manufacturing Company. Safety lighting equipment (21st December 1966).
111760. R. F. Milton. Insecticidal composition.
111761. Aktiebolaget Svenska Flaktfabriken. A device for liquid supply in an air humidification or cooling apparatus.
111762. Aktiebolaget Svenska Flaktfabriken. A method and an apparatus for the drying of wood in a channel.
111763. Ciba Limited. A process for the manufacture of new tetrahydroquinolines.
111764. Aktiebolaget Svenska Flaktfabriken. An apparatus for the circulation of a gaseous medium through a drying channel.
- 1st August 1967
111765. Aditi Kumar Deb. Token Holder.
111766. Celanese Corporation. Tow processing.
111767. Celanese Corporation. Foam fibrillated textile products and methods of manufacture.
111768. Commonwealth Scientific and Industrial Research Organization. Twisted thread assemblies. (9th August 1966).
111769. Westinghouse Electric Corporation. Improved tension control system for a reel drive.
111770. Siemens Aktiengesellschaft. Improvements in or relating to V.H.F. Directional aerial systems. (24th April 1967).
111771. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Extruding press for fibrous or ligneous (woody) matter.
111772. N. V. Philips Gloeilampenfabrieken. Fungicidal compositions containing a phenylsulphoxyl or a phenylsulphonylalkylene rhodanide as an active substance and novel phenylsulphoxyl or phenylsulphonylrhodanides.
111773. N. V. Philips Gloeilampenfabrieken. Ferromagnetic materials on the basis of nickel ferrite or nickel-zinc ferrite.
111774. International Standard Electric Corporation. Encoder for P.C.M. (2nd August 1966).
111775. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for improving the drawability of shaped structures of linear polyesters.
111776. Henkel & Cie. G.m.b.H. Moulding compositions.
111777. Veb Filmfabrik Wolfen. Photographic material containing silver halide and process for its manufacture. (24th January 1967).
111778. Scherico Ltd. Steroidal esters, processes for making them, and therapeutic compositions containing them.
111779. L. Givaudan & Cie Societe Anonyme. Preserving agent.
111780. Joseph Lucas (Industries) Limited. Stator assemblies for dyanomo electric machines. (1st August 1966).
111781. Societe Rhodiaceta. Process and device for treating moving yarns or strips with a liquid.
111782. J. W. Harrison and R. N. Foxgord. Ultra. violet sterilization apparatus. (24th April 1967).
111783. Solvent Canners Limited. Method of. and pallet means for, supporting and stacking articles. (2nd August 1966).
111784. Farnell Instruments Limited. Improvements in or relating to electrical apparatus. (3rd August 1966).
111785. The West Company. Pre-sterilized nipple package.
111786. Tata Fison Industries Limited. Extrusion method of making granular pesticides.
- 2nd August 1967.
111787. S. V. Rao. Improvements in or relating to a device for sub titling of motion picture film and method of operating the same.
111788. S. V. Rao. An optical printer-cum-special effects camera.
111789. Scovil Manufacturing Company. Motor driver tool.
111790. Schering Aktiengesellschaft. Process for the manufacture of 4-halogeno-1,2  $\alpha$ , 6, 7  $\beta$ -bismethylene- $\Delta^4$ -3-keto-steroids.
111791. Franz Plasser Bahnbaumaschinen. Track tamping and straightening machine.
111792. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the dyeing and printing of wool.
111793. Sandoz Ltd. Disperse Dyes of the Azobenzene series, their production and application.
111794. F. L. Smidth & Co., A/S. Methods of and plants for burning cement. (3rd August 1966).
111795. Schenectady Chemicals, Inc. Alkylphenyl borates in epdm rubbers.
111796. Ciba Limited. Manufacture of new peptides having an acth activity. [Divisional date 7th October 1966].
111797. Ciba Limited. Process for the manufacture of thyro-calcitonin.
111798. The Dunlop Company Limited. Improvements in tyres. (6th August 1966).
111799. American Home Products Corporation. Process for the preparation of 2-alkylcyclopentane-1, 3-diones.
111800. Dorr-Oliver Incorporated. Apparatus and method for the purification treatment of liquids through flocculation.
111801. Boehringer Ingelheim GmbH. Chemical compounds.
111802. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (10th August 1966).
111803. J. J. V. C. Devisme. Improvements in or relating to frame assemblies.
- 3rd August 1967
111804. Chinoi Gyogyszer es Vegyeszeti Termek Gyara RT. Chemical compounds.
111805. Liffert International Corporation. Combination tractively and thrust propelled vehicle for off-highway and on-highway use and tractive running gear therefor.

111806. A. Y. Essenson and A. A. Morach. Electric bridge circuit with inductively connected arms.
111807. Joseph Lucas (Industries) Limited. Laminated cores. (8th August 1966).
111808. Pinchin, Johnson & Associates Limited. Improved coating compositions. (10th August 1966).
111809. Csf-Compagnie Generale De Telegraphie Sans Fil. Silencing devices for radio receivers. (16th August 1966).
111810. C. A. V. Limited. Liquid fuel pumping apparatus. (15th August 1966).
111811. Jervis B. Webb Company. Sprocket construction for conveyor chains.
111812. D. P. Ahuja. Demineralizer service unit with encapsulated light circuit.
111813. Ciba Limited. Manufacture of new peptides having acth-activity. [Addition to No. 95474].
111814. Ciba Limited. Manufacture of new peptides having an acth-activity. [Addition to No. 95474].
111815. Tarakeswar Chakrabarty. Improvements in or relating to cupola furnaces.
111816. Gebrüder Buhler Aktiengesellschaft. Pipeline for the pneumatic or hydraulic conveyance of short, uniform blocks of material. (15th June 1967.).  
4th August 1967.
111817. Sunit Kumar Mukherjee. Improvements in or relating to the hermetic sealing of containers.
111818. Sunit Kumar Mukherjee. Improvements in or relating to dehydration in a double drum drier.
111819. Tsentralny Nauchno-Issledovatel'skiy I Proektiro-Konstruktor'skiy Kholodil'nitsy Institut Im. I. Polzunova. Method of obtaining sulphur dioxide-air mixture.
111820. Ceskoslovenska Akademie Ved. A process for the manufacture of an antidiuretically active polypeptide.
111821. Opti-Holding Ag. Slide fastener strip.
111822. Opti-Holding Ag. Improvements in or relating to slide fasteners.
111823. Opti-Holding Ag. Method of and apparatus for the production of individual slide fasteners.
111824. Director General, Ordnance Factories, Government of India, Ministry of Defence. Blasting soluble nitrocellulose and a process for the manufacture of the same.
111825. Ciba Limited. Amidines, process for their manufacture and compositions containing them.
111826. Nestle's Products Limited. Tea extracts, process for the production thereof and compositions containing the same. (14th June 1965). [Divisional date 28th May 1966].
111827. Societa Farmaceutici Italia. Process for preparing a new decapeptide and its salts.
111828. National Research Development Corporation. Improvements relating to the extraction of sapogenins from vegetable materials. (16th August 1966).
111829. Joseph Lucas (Industries) Limited. Solenoids. (19th August 1966).
111830. Joseph Lucas (Industries) Limited. Solenoids. (19th August 1966).
111831. Joseph Lucas (Industries) Limited. Solenoids. (19th August 1966).
111832. Union Carbide Canada Limited. Simultaneous refining of zinc and manganese dioxide. (22nd October 1966).
111833. Indian Oxygen Limited. Welding power sources. (9th August 1966).

#### Alteration of Date

103604. The claim to priority date 23rd February, 1965 has been abandoned and the application dated as of 27th January, 1966.

110188. Ante-dated to 7th February, 1966 under Section 5 of the Act.
110793. Ante-dated to 13th December, 1965 under Section 5 of the Act.

#### Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

102218. M & T Chemicals Inc. Process for preparing polyurethane foams. Accepted on 25th July 1967.

*Mixing together a compound having reactive hydrogen atoms by the zerewitnoff determination, an organic isocyanate, water and a catalytic amount of an organotin compound.*

102309. Aci Industries, Incorporated. Improvements in valves for use as check valves in fuel pumps and fuel pumps incorporating said valves. Accepted on 31st July 1967.

*Comprising a valve seat having a port a stem extending from the said seat, a valve member for closing the said port by the action of a coil compression spring.*

102310. Pirelli General Cable Works Limited. Improvements in or relating to the manufacture of oil-filled electric cables. (5th November 1964). Accepted on 31st July 1967.

*Comprising a sheathed cable core closed by an end plug surrounded by the sheath and having a vacuum guard ring, a conduit being connected to the guard ring and a vacuum being applied to the conduit.*

102321. Shri F. Saldanha. Apparatus for cutting and welding of metals with a flame produced by liquid petroleum fuel and oxygen. Accepted on 1st August 1967.

*Gaseous oxygen and liquid petroleum fuel adapted to flow through pipes, valves and fluted orificed nozzles at pre-determined pressures and quantities suiting the requirement.*

102326. Ivan Sergeevich Batjuta and Dina Pavlovna Sidорова. A device for moving the mirror in single lens reflex cameras. Accepted on 31st July 1967.

*The mirror is articulated to link lever and to the camera casing by means of an intermediate turning member and first operating lever is connected with a normally locked spring-type shifting arrangement and stopper of shutter in its working portion, and provided with an intermediate lever system.*

102409. Girling Limited. Automatic adjuster for vehicle brakes Accepted on 29th July 1967.

*Comprising first and second members for connection to a brake mechanism, an intermediate member rotatable relative to them, an abutment and a body rotatable relative to the intermediate member, and a clutch to permit relative rotation in one direction only.*

102457. Consolidated Natural Gas Service Company, Inc. Method for the production of hydrogen and gas mixtures containing hydrogen. Accepted on 3rd August 1967.

*Characterized by reacting hydrogen and carbon monoxide containing gas with iron oxide in a second reaction zone, reacting the lower oxide and metallic iron with steam in a third reaction zone, and condensing steam from hydrogen and steam mixture to produce hydrogen.*

102759. Dorr-Oliver Incorporated. Travelling belt type drum filter. Accepted on 29th July 1967.

*Comprising a linear tracking element.*

102845. Farbenfabriken Bayer Aktiengesellschaft. 4-(N-methyl-alkylamino)-phenyl-N'-methyl carbonates. (9th September 1965). Accepted on 28th July 1967.

*4-N, N-methyl-alkylamino-phenol is reacted with methyl isocyanate.*

102881. O. J. F. Larsen. A method of producing and protecting deposits of sedimentary material on floors of bodies of water. Accepted on 1st August 1967.

*Disposing in a surface parallel with and at 5 to 40 inches above the floor of shell formed structural elements containing channels and successive raising of the elements.*

102884. The International Synthetic Rubber Company Limited. Method of manufacturing cis 1, 4 polybutadiene. (7th December 1964). Accepted on 1st August 1967.

*Comprising contacting a conjugated diene hydrocarbon monomer with a catalyst comprising (a) a nickel or cobalt complex of an alkylated hydrogen or thiol aromatic organic acid, (b) a boron fluoride complex and (c) a lithium alkyl or aryl or alkylaryl.*

102973. Zinser-Textilmaschinen Gesellschaft Mit Beschränkter Haftung. An apparatus for doffing bobbins from a series of parallel spindles of a textile machine such as a spinning or twisting machine. Accepted on 31st July 1967.

*Comprising bobbin tube gripping means a row of bobbin receiving means having the same spacing as the spindles.*

103015. Shell Internationale Research Maatschappij N. V. Method of liquefying and regasifying natural gas or methane in storage or transport. Accepted on 29th July 1967.

*Comprising applying to methane or natural gas hydrocarbons as cold carrier.*

103590. General Electric Company. Improvements in or relating to potentially reactive, heat reactive, polyethylene ethers and process of preparing the same. Accepted on 25th July 1967.

*Comprising alkylating phenol with polyphenylene ether and cross linking polymer exposing to elevated temperature on reacting with curing agent.*

103604. Format Industrial Corporation Ltd. Foldable shelter structure. Accepted on 27th July 1967.

*Comprising a first and a second roof sections, each section comprising parallel sided panel connected to one another by panel fold lines.*

103616. Continental Can Company, Inc. A coating process and article coated thereby. Accepted on 27th July 1967.

*Comprises in introducing an activatable gas over the substrate kept below the condensation temperature of the said gas so as to condense it over the substrate and maintaining a discharge to form polymerised coating.*

103638. Sodico, McCann-Erickson S. A. Device for studying the eye movements of an observer scrutinizing an image. Accepted on 28th July 1967.

*Comprising an enclosure having an observation port in one wall, means for presenting an image*

*or object for observation on the opposite wall, a semi-transparent, semi-reflecting element disposed there between, in the axis of observation and at an angle thereto, means disposed on the opposite side of the enclosure from inspection port to reflect light from image or object for observation to inspection port to provide a superimposed image with image of observer's eye.*

103640. Knapsack Aktiengesellschaft. Process for the manufacture of pulverulent ferromanganese. Accepted on 28th July 1967.

*For use as a constituent in sheathing composition of extruded types of welding electrodes by quenching a ferromanganese melt wherein a melt of ferromanganese affine or suraffine and if desire quick lime as a slag former is admixed at a temperature within the range of 1260°C and 1680°C, with 0.5 to 3.5% by weight of a deoxidant and the resulting mixture is atomised or granulated on a granulating plate with water, steam or air under a gauge pressure of 1 to 12 atmospheres so as to obtain smooth and rounded off, preferably spherically shaped ferromanganese particles.*

103641. Ciba Limited. Pesticidal preparations containing benzoxazolonylureas. Accepted on 28th July 1967.

*Comprises as an active ingredient one of the substituted benzoxazolonylureas in admixture with a diluent or carrier.*

103673. Vsesojuzny gosudarstvenny proektny institut "Teplo-elektroproekt". Mould for manufacturing joint members of prefabricated structural elements from mouldable mixes. Accepted on 31st July 1967.

*Each face panel is movable in the horizontal plane and is coupled to a travel mechanism by screw pair assemblies comprising lead screws fixed to the face panel and nuts.*

- 103674 Vsesojuzny gosudarstvenny proektny institut "Teplo-elektroproekt". Mould for manufacturing joint members of prefabricated structural elements from mouldable mixes. Accepted on 31st July 1967.

*Each face panel consists of a detachable face wall provided with single bevelled cotters and a thrust wall made on the pan perpendicular thereto, said thrust having single-bevelled cotters interacting with said first cotters.*

103696. Vitkovicke Zelezarny Klementa Gottwalda, Narodni Podnik. Device for the production of railway axles and similar products. Accepted on 28th July 1967.

*Comprises carrying frames, two part dies, means for carrying the two-part dies and means for carrying the upper parts of said dies, mechanism for opening and closing said dies.*

103705. British Columbia Transformer Co., Ltd. Manufacture of electromagnetic core. (2nd February 1965). Accepted on 28th July 1967.

*Wherein a continuous length of magnetic material is wound to form a core and it then annealed and strips are cut off of a length to given a desired joint pattern and reassembled to reform the core.*

103707. David Ritchie and Beatrice Rose Westley. Improved aid to artificial respirator. Accepted on 1st August 1967.

*Comprising a pair of pumping elements operable by a handle, separate connections between the elements and a face piece wherein one pumping element is for inducing inhalation and the other for inducing exhalation and unidirectional valves for the pumping elements.*

103709. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Releasable bearing for crucible or converter. Accepted on 29th July 1967.

*Comprising carrier body characterised by upper supporting being pivotally mounted on the annular carrier.*

- 103718 Imperial Chemical Industries Limited. Ropes and cordage. (2nd February 1965). Accepted on 1st August 1967.

*Having a combination of properties which in the form of standard 3 inch circumference laid rope are (I) a stretch resistance at 5000 lbs (II) a torque resistance of at least 50 in.-lb. (III) a creep after 120 repeat loading to 75% of the braking load.*

- 103728 Standard Telephones and Cables Limited. Digit pulse re-timing arrangement. (9th February 1965). Accepted on 2nd August 1967

*Includes a first generating circuit, a second generating circuit the inputs of first and second connected in parallel.*

103733. Institut Francais Du Petrole. Des Carburants Et Lubrifiants. Catalytic hydrogenation of diolefin. Accepted on 1st August 1967.

*Characterises in employing a Ni-supported on  $Al_2O_3$  catalyst having a total pore volume greater than  $0.4 \text{ cm}^3/\text{g}$  with 40-80 p.c. of the volume with a pore diameter of 0.05 micron and 20 p.c. of the total volume with pore diameter between 0.05 and 1 micron the specific surface of the catalyst being  $30 \text{ m}^2/\text{g}$ .*

103782. Imperial Chemical Industries Limited. Process for the production of vinyl acetate. (24th February 1965). Accepted on 3rd August 1967.

*Comprises in contacting ethylene with a salt of co-ordination compound of Pd. in the presence of 50% water and acetate of alkali metal or alkaline earth metal or of copper molecular  $O_2$ , a copper salt, acetic acid and 1-1 or 1-2 diacetoxy ethane in which concentration of acetic acid is less than 20 p.c. by weight of react medium.*

103793. Imperial Chemical Industries Limited. Improvements in textile stiffeners. (22nd February 1965). Accepted on 1st August 1967.

*Comprises polyethylene terephthalate containing between 0.25 and 10% of inert such as china-clay in the size range of 1 to 10 microns.*

103833. Union Carbide India Limited. Electrode holder for manual arc welding and jaws therefor. Accepted on 31st July 1967.

*Comprising an upper jaw and a lower jaw of circular shaped disc, lower jaw having two or more channels and upper jaw having ridge formation adapted to be engaged in one of the channels.*

103867. Toyo Calorizing Kogyo Kabushiki Kaisha. Method of making durable lance pipes for supplying oxygen for oxygen smelting of steel. Accepted on 29th July 1967.

*Comprising coating the outer surface of pipe with a coating composition as defined herein and the inner surface with another coating composition as defined herein and drying the inner coating and further drying both the coating.*

103903. Petrol Injection Limited and H. E. Jackson. Fuel injection systems. (26th February 1965). Accepted on 28th July 1967.

*Fuel circulation conduit system having supply and return branches, fuel injector devices having open outlet orifices and connected to receive fuel from the supply branch of the fuel conduit, engine drivable fuel pumping means in the fuel supply branch and a fuel metering valve device connected in the fuel circulation conduit.*

103921. Stamicarbon N.V. Process for the preparation of L-nitro-W-lactams. Accepted on 28th July 1967.

*Reacting sulphuric ester of a 3-nitro-2-chloro 2-hydroxy-oxacyclo-alkane-1-carbochloride with free  $SO_2$  and hydrolysing the reaction product.*

103925. Aktiebolaget Bofors. A round feeding mechanism for an automatic gun. Accepted on 3rd August 1967.

*Having a vertical round compartment, means for exerting pressure on the rounds, a shaft with a star-wheel for discharging one round at a time, a rotation checking device and a stop device and a release control means for said stop device.*

103939. I. K. Puri. Device for controlling the speed of a vehicle. Accepted on 28th July 1967.

*Brake application circuit is activated by relay circuit when the speed set by second resonant circuit is exceeded by the vehicle, and engine accelerating circuit is capable of being activated by the said relay circuit only when speed set by the second resonant circuit is more than the actual speed of the vehicle.*

103954. Rolls-Royce Limited. Method of aluminising metallic articles, and compositions therefor. (20th April 1965). Accepted on 3rd August 1967.

*The composition having the following percentage composition by weight:—0.05 to 5% powdered aluminium; 0.5 to 5% sodium fluoride or potassium fluoride; 0.05 to 5% potassium hydrogen difluoride; 0.05 to 5% ammonium chloride; the balance being calcined alumina and minor impurities.*

104152. Franz Plasser Bahnbaumaschinen. Track packing machine. [Addition to No. 103912]. Accepted on 1st August 1967.

*Comprising a carriage frame and a track tamping assembly mounted on the frame.*

- 104310 Maschinenfabrik Benninger A. G. A roller for stretching textile sheet material. Accepted on 29th July 1967.

*Comprises a sheath rotatable surrounding the stationary axle member, sheath supporting members with mounting means.*

104432. The British Petroleum Company Limited. Improvements in or relating to polymerisation catalysts, and dimerised and codimerised  $\alpha$ -olefin obtained therewith. (14th April 1965). Accepted on 31st July 1967.

*Characterises in pretreating the catalyst (Na-dispersed in an anhydrous K. compound) with  $H_2$  at a pressure up to 4000 psig. and a temperature of 50-350°C.*

104615. Rexall Drug and Chemical Company. A continuous process for polymerising alpha-olefin polymers. Accepted on 29th July 1967.

*Continuously polymerising an alpha-olefin monomer in presence of a catalyst comprising a transition metal halide activated with an organometallic reducing compound, periodically venting from said reaction zone the reaction product mixture comprising a slurry of polymerize in admixture with unreacted alpha olefin monomer.*

104752. Rexall Drug and Chemical Company. Improved method for polymerizing propylene. Accepted on 2nd August 1967.

*Introducing at polymerization 0.5-3% by weight of ethylene based on propylene.*

104929. United States Rubber Company. Transparent elastomeric composition. Accepted on 2nd August 1967.

*Comprises an ethylene-olefin non-conjugated terpolymer rubber and an additive.*

105020. Ascut Wood Products Pvt. Ltd. Improvements in furnaces or kilns. Accepted on 1st August 1967.

*Insulating panel arrangement for furnaces having a fan which is supported on an inner structure independent of heating chamber.*

105091. Shell Internationale Research Maatschappij N. V. A method of producing oil resistant to forming strong wax structures in a pipeline. Accepted on 1st August 1967.  
*Comprising adding gas to oil containing wax, while the temperature of the oil is above the pour point of the oil and the pressure on the oil is superatmospheric pressure to produce a solution of the gas in the oil.*
105404. Villamosenergiaipari Kutató Intézet. Ion exchange apparatus. Accepted on 3rd August 1967.  
*In free space above ion-exchange layer rubber member provided such that during operation rubber be filled free space above ion-exchange to be filled.*
105500. Hovercraft Development Limited. Propulsion system for a vehicle for travelling over fluid and other surfaces. (3rd June 1965). Accepted on 28th July 1967.  
*Comprises a flexible member arranged in an endless loop, a plurality of cleat elements carried by, and substantially uniformly spaced along the flexible member and drive transmitting means for interconnecting a driving means to said member.*
105583. R. B. Golobart. Multiple loom. Accepted on 28th July 1967.  
*Characterised in weft thread inserting elements inserting weft in counter sense and symmetrically in the two loom bodies, being convergent when said elements leave their sheds and divergent when said elements enter their sheds to meet stationary weft reserves.*
105635. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of insulating materials having low specific gravity. Accepted on 3rd August 1967.  
*Comprises in mixing porous plastic particles such as polystyrene with an aqueous alkali metal silicate and adding a substance which reacts with the said silicate with the formation of an insoluble compound and consolidating the resultant mixture.*
105848. Imperial Chemical Industries Limited. Spinnerets. (23rd June 1965). Accepted on 29th July 1967.  
*At least one portion of the wall of each spinnerette hole extends further at the exit than other portion of the wall.*
105870. Dunlop Rubber Company Limited. Process for the vulcanization of polymers. (10th July 1965). Accepted on 30th June 1967.  
*Heating the polymer with a vulcaniser which an organic compound that liberates  $H_2S$  during vulcanisation.*
105878. Unique Products. Improvements in or relating to gadgets for self hair dresser. Accepted on 2nd August 1967.  
*Consisting of a bottom plate on which two safety razor blades can be fitted; a top plate which is adapted to be interlocked with the said bottom plate so that the said two blades are sandwiched between said two plates, the edges of the said plates being provided with teeth.*
105984. Taurus Equipment Private Ltd. Roof bolt for use in mines. Accepted on 29th July 1967.  
*Comprising a bolt with a bolt head, a conical wedge serrated jaws and a band.*
106124. Dynamit Nobel Aktiengesellschaft. Method of sizing yarns or fabrics. Accepted on 28th July 1967.  
*Comprises treating yarn or fabric with a solution of a polycarboxylic acid salt derived from the oxidation product of a polyaldehyde.*
106243. Yawata Iron & Steel Co., Ltd. and Imamura Seisakusho Co., Ltd. Device for charging alloyed iron and secondary raw materials into a steel-making furnace. Accepted on 29th July 1967.  
*Wherein outer pipe is housed inside and inner pipe is inserted vertically.*
106262. S. N. Bihani. Improvements in or relating to combs. Accepted on 28th July 1967.  
*Characterised in that each tooth instead of being shaped to form a sharp pointed end is provided with a smooth ball shaped projecting end formed of the material of the comb.*
106526. Alpha Electrical Products. Improvements in or relating to rotary electric switches. Accepted on 31st July 1967.  
*By successive movement of operating member circumferential notches in contact with rollers are adapted to slide against said rollers and the said rollers automatically get seated in the adjacent successive notches; thereby stepping round the contactor which breaks a contact and makes a contact.*
106530. M. D. Bhate. A device for controlling intensity of head lights of an automobile. Accepted on 31st July 1967.  
*Resistance in series with headlight can be increased or decreased with the help of a smooth and gradual movement of or stepped but gradual movement of a moving contactor over the resistance wire of predetermined value.*
106622. Ing. Erwin Wiising. Double shaft springly track spike. Accepted on 3rd August 1967.  
*The Free ends of spring band which forms the two shafts are bent in the form of circular loops at the upper ends of the shafts.*
106646. The Goodyear Tire & Rubber Company. Improvements in pneumatic tire. Accepted on 28th July 1967.  
*Includes a tread portion characterised by an integral lug extending upwardly from the bottom of each groove in the shoulder region of the tire and between the side walls of the next adjacent ribs.*
106693. Vereinigte Glanzstoff-Fabriken A.G. Process and apparatus for producing yarn with regular constructions. (21st June 1966). Accepted on 29th July 1967.  
*Comprising imposing a compulsory oscillation on the yarn between two fixed points under the action of a gas stream flowing perpendicular to the direction of travel of the yarn.*
106785. Russell, Burdsall & Ward Bolt and Nut Company. Prevailing-torque locknuts. Accepted on 28th July 1967.  
*A plurality of circumferentially spaced axially depressed areas in upper surface of the nut around the threaded bore, a cluster of axially depressed indentations in the upper turns of the thread under each of depressed areas.*
106992. Metrawatt Aktiengesellschaft. Arrangement of rheostat in ac operated regulator measuring bridges. Accepted on 31st July 1967.  
*Includes a rheostat in one branch and an amplifier in the diagonal of the bridge, one terminal of the rheostat being connected with that corner of the bridge that is connected with the ground of the amplifier.*
107021. Libbey-Owens-Ford Glass Company. Apparatus for bending glass sheets. Accepted on 1st August 1967.  
*A chamber is provided on male mould part adjacent to and behind the shaping surface thereon, and means is provided for introducing heated gases under pressure into said chamber to heat said shaping surface.*
107025. Libbey-Owens-Ford Glass Company. A conveyor roll for use in transporting heated glass sheets. Accepted on 28th July 1967.  
*Includes a rotatable mandrel secured with a cover comprising heat and wear-resistant strands braided together to form a radially expansible and contractible tubular sleeve.*

107115. Okanagan Helicopters Ltd. Optical plumbing device. Accepted on 29th July 1967.

*Comprising a converture structure formed by hoods under canopy image producing light means comprising lamp element, energising source therefor and lens system, a connector pendulously suspending the light means, an opaque mirror, and a semi-transparent mirror.*

107172. Imperial Chemical Industries Limited. Improvements in or relating to the collection of synthetic polymeric yarns or filaments. (1st October 1965). Accepted on 28th July 1967.

*Characterised in programming means including a servo device for spindle drive motor control, tachogenerators for the draw rolls and spindles respectively are provided to control winding operation during slow-down period.*

107223. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-voltage transistors. Accepted on 31st July 1967.

*High-ohmic collector layer contains at most  $2.5 \times 10^{11}$  impurities determining conductivity type per cu. cm. and has thickness between  $80 \mu$  and  $500 \mu$  the base zone containing more than  $2 \times 10^{12}$  impurities determining the conductivity type per cu. cm. at least part of base zone between emitter and collector zones having a thickness between  $15 \mu$  and  $60 \mu$*

107225. Inventa A. G. Fur Forschung Und Patentverwertung. Spinning plate and process for spinning therewith. Accepted on 1st August 1967.

*Characterised in having two or three spinning orifices of star-shaped profile in each group of bores.*

107353. Soletanche. Method and apparatus for strengthening or stanching soil. Accepted on 29th July 1967.

*Comprising cutting into the soil by a tool injecting a settlable cement composition into the soil surrounding the cut during the cutting operation and filling the cut space with the settlable cement composition during removal of the tool.*

107513. A. G. Ochsner. Decorating attachment on an embroidery machine. Accepted on 1st August 1967.

*Comprises decorating material feeding mechanisms with auxiliary actuating and controlling mechanisms and a cutter operable in timed relation to the stitching tool for cutting of successive leading segments of said material*

107532. The English Electric Company Limited. Improvements in electrical contact assemblies. 21st October 1965). Accepted on 1st August 1967.

*When withdrawable member is received between contact surfaces of two elements the supporting body provides a fulcrum for said one contact element between the contact surface thereof and the resilient load.*

107884. The Adamson Alliance Company Limited. Improvements in or relating to forging manipulators. (9th November 1965). Accepted on 29th July 1967.

*Forging manipulator having a peel having a carriage with friction driving wheels, hydraulic support means hydraulic driving means for controlling the driving and braking characteristics of the carriage wheels.*

107986. C. A. V. Limited. Starting mechanism for internal combustion engines. Accepted on 29th July 1967.

*A device for moving the pinion axially to an operative position in which it is engaged with the toothed wheel of an engine, and a one way clutch disposed intermediate the shaft and the motor.*

108516. Fmc Corporation. Conversion of allyl alcohol to glycerol. Accepted on 29th July 1967.

*Comprises in reacting an aqueous solution of alkyl alcohol with per-acetic acid in an organic solvent with b.p. below that of glycerol at a temperature of  $20-110^{\circ}\text{C}$  and recovering the glycerol produced.*

108629. Allied Chemical Corporation. Adjustable heater bracket assembly. Accepted on 29th July 1967.

*Comprising a frame, guide rods, guide member and adjusting means.*

109959. Diosgyori Depgyar. Improvements in or relating to closed-circuit hydraulic remote-control devices. Accepted on 3rd August 1967.

*Closed circuit hydraulic remote control device having an element which regulates volume of working spaces or which opens or closes communication between the spaces.*

110188. Imperial Chemical Industries Limited. Improvements in textile stiffeners. [Divisional date 7th February 1966]. Accepted on 1st August 1967.

*Comprises polyalkylene terephthalate containing between 0.25 and 10% by weight of inert particles such as china clay in the size range of 0.1 to 1.0 microns.*

110793. Zinser Textilmaschinen G.m.b.H. Apparatus for removing tubes from rods over which they are fitted. [Divisional date 13th December 1965]. Accepted on 31st July 1967.

*Comprising at least one expandable gripping element and means for causing the gripping element to exert a pressure against the bore of the tube.*

#### Opposition Proceedings

An opposition has been entered by the Director General, Research Designs and Standards Organisation, Alambagh, Lucknow-5, U.P. to the grant of a patent on application No. 101060 made by Om Prakash Tania.

#### Patents Sealed

93999, 97006, 97345, 97497, 97835, 97951, 98373, 98492, 98549, 98564, 98675, 98693, 98727, 98748, 98749, 98768, 98773, 98987, 99133, 99517, 99780, 99807, 99836, 100065, 100200, 100219, 100230, 100449, 100470, 100505, 100520, 100612, 100613, 100616, 100631, 100643, 100645, 100701, 100738, 100754, 100755, 100761, 100767, 100769, 100796, 100845, 101161, 101217, 101303, 101429, 101450, 101463, 101606, 101646, 101780, 101926, 102106, 102184, 102235, 102787, 103227, 103512, 103542, 103385.

#### Renewal Fees Paid

47853, 48106, 49925, 49994, 50020, 50069, 50090, 50254, 51601, 51728, 51780, 52480, 52522, 52547, 52555, 52617, 52626, 52627, 52747, 52749, 52774, 52953, 53021, 53138, 55066, 55067, 55160, 55161, 55163, 55196, 55324, 55426, 56999, 57232, 57650, 57674, 58050, 58162, 58287, 58518, 58595, 58605, 60891, 60905, 61164, 61357, 61407, 61408, 61409, 61553, 61608, 61622, 61624, 61650, 61667, 61696, 61728, 61746, 61830, 61963, 62112, 62238, 64803, 64813, 64868, 64979, 65003, 65009, 65013, 65041, 65121, 65149, 65150, 65167, 65171, 65303, 65317, 65327, 65365, 65392, 65486, 65531, 65628, 68590, 68735, 68743, 68761, 68767, 68840, 68909, 68989, 68990, 68991, 68992, 68993, 68997, 69024, 69065, 69086, 69089, 69142, 69189, 69260, 69562, 69737, 69788, 69839, 70618, 72816, 72859, 72888, 72916, 72976, 72995, 73006, 73014, 73197, 73220, 73221, 73222, 73223, 73249, 73285, 73314, 73400, 73401, 73435, 73446, 73460, 73500, 73648, 73649, 73705, 73897, 74296, 75358, 77927, 77938, 77978, 77983, 78050, 78118, 78162, 78180, 78190, 78195, 78350, 78351, 78405, 78463, 78504, 78532, 78556, 78571, 78577, 78596, 78749, 78866, 78884, 78942, 79153, 79361, 79878, 79880, 80612, 80613, 82222, 82228, 83469, 83536, 83544, 83575, 83642, 83643, 83666, 83682, 83686, 83701, 83705, 83797, 83833, 83835, 83862, 83888, 83904, 83905, 83906, 83908, 83918, 83919, 83980, 84054, 84062, 84075, 84094, 84169, 84197, 84213, 84231, 84257, 84294, 84317, 84526, 84559, 84851, 84856, 85737, 88768, 88861, 88949, 89193, 89223, 89245, 89246, 89268, 89287, 89300, 89302, 89348, 89353, 89354, 89355, 89356, 89357, 89362, 89426, 89442, 89468, 89479, 89512, 89518, 89522, 89544, 89550, 89563, 89573, 89579, 89587, 89609, 89610, 89632, 89673, 89839, 89881, 89888, 89938, 89945, 90056.

90090, 90203, 90329, 90330, 90368, 91384, 93778, 94564, 94865, 95250, 95293, 95336.

#### EXTENSION OF THE TERM OF PATENTS

##### (1)

The petition for extension of the term of Patent No. 45489 filed by Owens Corning Fiberglas Corporation on the 12th January, 1967 has been treated as withdrawn.

##### (2)

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of Patent No. 46368 for "Method of and means for mounting metallic utensils or the like on lathe for turning them before polishing" has been left at the patent Office on behalf of Hindustan Metal Industries of Kadamtar, Mirzapur City, Uttar Pradesh, India. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this patent should on or before the 19th October, 1967 lodge with the Controller of Patents and Designs at the above address a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and should at the same time serve a copy of such notice upon the petitioners, c/o Messrs. L. S. Davar & Co., Norton Buildings, Calcutta-1.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 131041, 131042, 131044 to 131048 and 131050 to 131054. The Delhi Cloth & General Mills Company Limited, Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", June 14, 1967.

Class 13. Nos. 131249 to 131251, 131255, 131257 and 131258. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South) Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", June 28, 1967.

Class 13. Nos. 130458, 130460 and 130477. Messrs. Leela Scottish Lace Private Limited, Leela Baugh, Andheri Kurla Road, Bombay-59, Indian Company, "Preparation of lace used for" furnishings wearing apparels, covers, etc. February 20, 1967.

#### Cancellation of the Registration of Designs

The application made by Indian Rice Mill Stores for cancellation of the registration of Designs No. 106480 in the name of J.T.C. India & Co., which was notified in Part III, Section 2 of the Gazette of India dated the 15th July 1961 has been dismissed.

A. JOGARAO

*Controller-General of Patents, Designs and Trade Marks.*